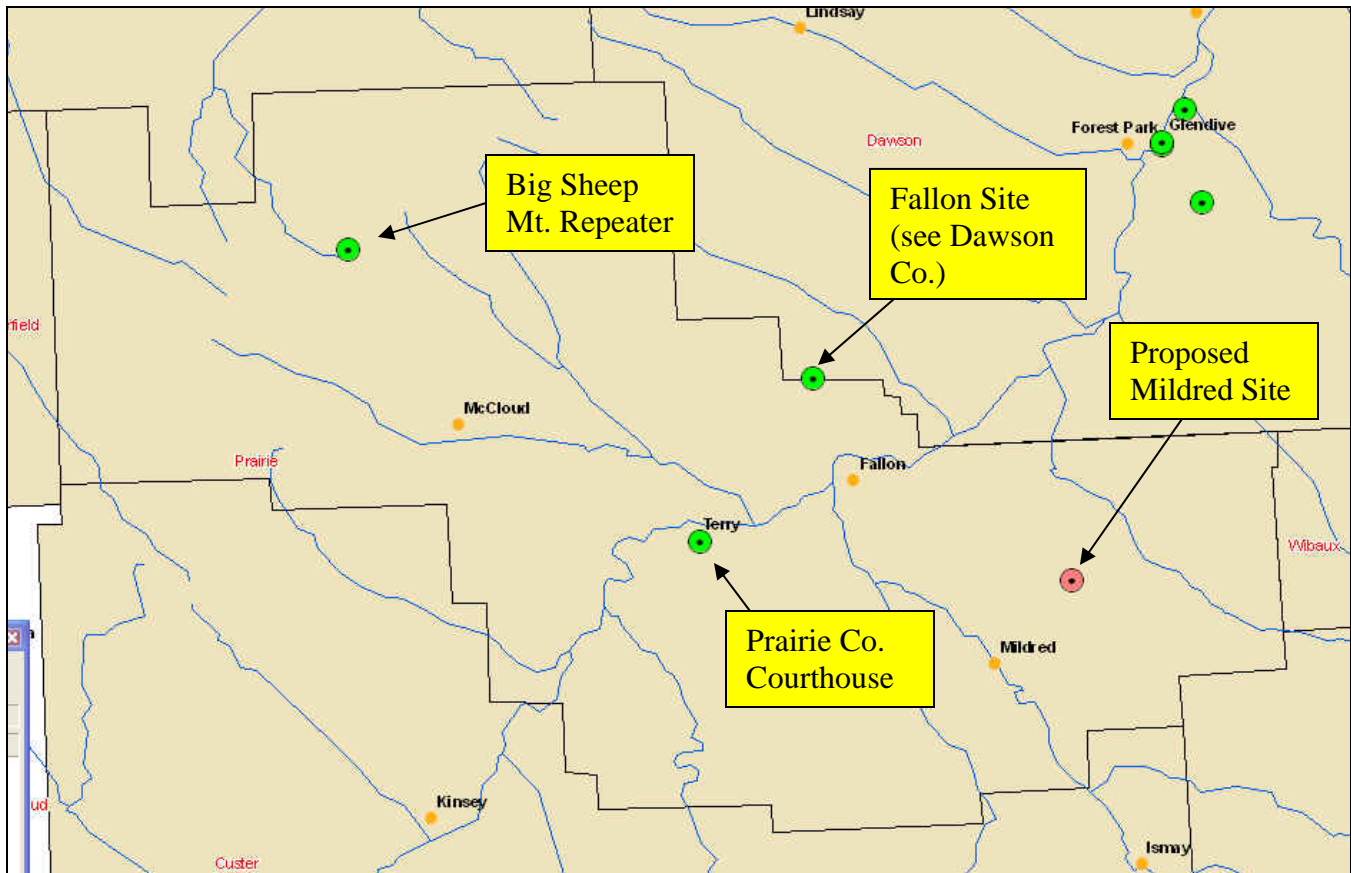
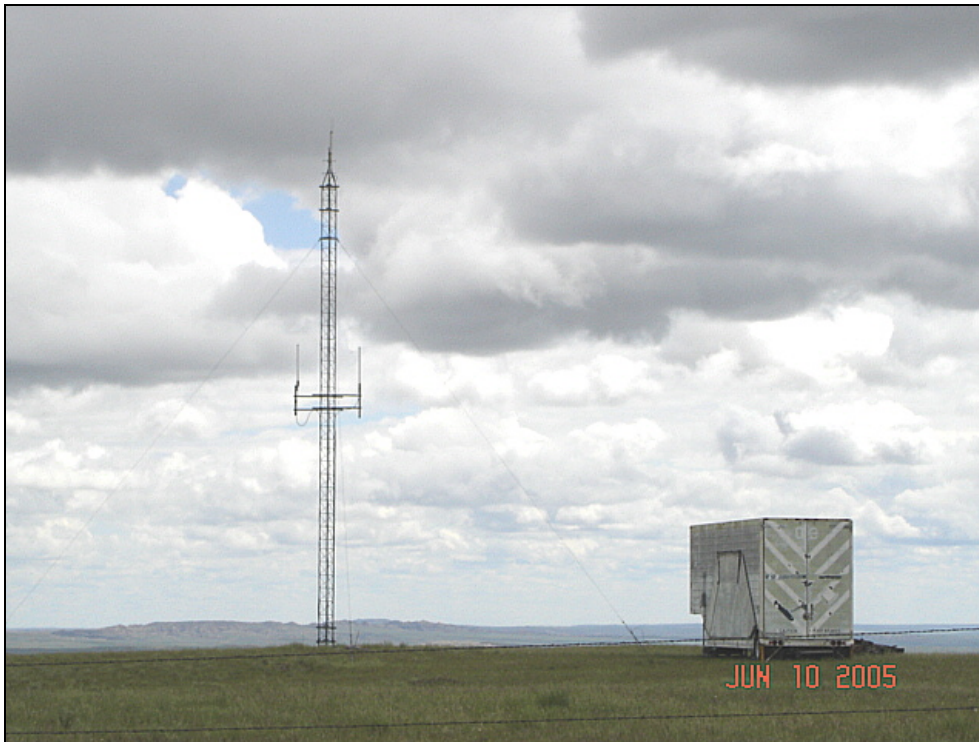


### 4.3.11 Prairie County



**Figure 55 – Prairie County Antenna Sites**

**Site Name:** Big Sheep Mt. Repeater



**Area:** Terry, MT

**Location:** 25m NW of Terry, MT.

**Land Owner:** Sheep Mt. Towers, LLP

**Ground Elevation:** 3590'

**Latitude:** N47 03' 06.3"

**Longitude:** W105 43' 30.9"

**Status:** In Use

**Rent:**

**Tower Height:** 48'

**Building Type:** Semi trailer van

**Building Size:** 19x7

**Approximate Space Used (%):**20

**Primary Power:** 120/240 single phase

**Backup Power:** User-supplied batteries

**Telephone Available?** No

**Tower Users:** Prairie County

**Is Combiner Used And Describe:** No

**General Comments:**

**Survey Completed By:** TAB Electronics

**Completed Date:** Jun-05

**Tower Manufacturer:** Rohn



**Tower Model:** 456  
**Tower Owner:** Eldon Netzer  
**Age (Years):**  
**Tower Type:** Guyed  
**Fall Protection:** Cable  
**Climbing Device:** Tower Rungs - Steel Bars  
**# Of Guy Wires:** 3  
**# Of Legs:** 3  
**Leg Spacing:** 17"  
**Grounding System:** Ground rod at tower base.  
**Other Towers Nearby?**  
**Access In Summer:** 2-wheel Drive  
**Access In Winter:** 4-wheel Drive  
**Criticality:** Critical  
**Meets FCC OET 65?**  
**Meets Antenna Loading?**  
**Microwave In Use?** No  
**Describe:**  
**Microwave Capable?** Unknown  
**Describe:**

**Radio 1:** Repeater  
**Antenna Type:** Celware Ba-1010-2  
**Antenna Height:** 23-30'  
**Frequencies In Use:** TX - 155.625, RX - 151.475  
**User Agency:** Prairie Co. Sheriff Office  
**Filter, Duplexer, Etc.:** Telewave TPRD-1554, 4-cavity  
**P25?** No  
**Other:**

**Radio 2:** Repeater  
**Antenna Type:** Motorola TAD-6073A unity monopole  
**Antenna Height:** 48-53'  
**Frequencies In Use:** TX - 151.175, RX - 151.475  
**User Agency:** MT DNRC  
**Filter, Duplexer, Etc.:** TXRX Systems 28-37-11 6-cavity  
**P25?** Unknown  
**Other:**

**Radio 3:** Repeater  
**Antenna Type:** Celware BA-1010-2  
**Antenna Height:** 23-30'  
**Frequencies In Use:** TX - 153.830, RX - 159-345  
**User Agency:** MT DNRC



**Filter, Duplexer, Etc.:** Celwave 636-6A-53 complex duplexer

**P25?** Unknown

**Other:**



**Site Name:** Mildred Tower Site (potential site)

*No picture.*

**Area:** Mildred, MT

**Location:** 6m NE of Mildred, MT

**Land Owner:** Jerome Schilling

**Ground Elevation:** 2627'

**Latitude:** W46 44' 27.4"

**Longitude:** W104 51' 37.2"

**Status:** Potential

**Rent:**

**Tower Height:** 180'

**Building Type:**

**Building Size:**

**Approximate Space Used (%):**

**Primary Power:** 120/240 single phase

**Backup Power:**

**Telephone Available?** No

**Tower Users:** Prairie Co.

**Is Combiner Used And Describe:** No

**General Comments:** Potential Site.

**Survey Completed By:** TAB Electronics

**Completed Date:** Jun-05

**Tower Manufacturer:**

**Tower Model:**

**Tower Owner:**

**Age (Years):**

**Tower Type:** Guyed

**Fall Protection:**

**Climbing Device:**

**# Of Guy Wires:**

**# Of Legs:** 3

**Leg Spacing:**

**Grounding System:** Multiple ground rods, all grounds bonded.

**Other Towers Nearby?**

**Access In Summer:** 2-wheel Drive

**Access In Winter:** 4-wheel Drive

**Criticality:** Critical

**Meets FCC OET 65?**

**Meets Antenna Loading?**

**Microwave In Use?** No

**Describe:**

**Microwave Capable?** Unknown



**Describe:**

**Radio 1:** Repeater

**Antenna Type:** PD 220

**Antenna Height:** 180-199'

**Frequencies In Use:** 155.625, 158.850

**User Agency:** Prairie Co.

**Filter, Duplexer, Etc.:**

**P25?** Yes

**Other:**

**Site Name:** Prairie County Courthouse



**Area:** Terry, MT

**Location:** Downtown Terry, Logan Ave.

**Land Owner:** Prairie County

**Ground Elevation:** 2250'

**Latitude:** W46 47' 31.5"

**Longitude:** W105 18' 44.6"

**Status:** In Use

**Rent:**

**Tower Height:** 56'

**Building Type:** Steel

**Building Size:**

**Approximate Space Used (%):**

**Primary Power:** 120/240 single phase

**Backup Power:**

**Telephone Available?** Yes

**Tower Users:** Prairie Co. Sheriff

**Is Combiner Used And Describe:** No

**General Comments:**



**Survey Completed By:** TAB Electronics

**Completed Date:** Jun-05

**Tower Manufacturer:** Bx Type

**Tower Model:** Bx Type

**Tower Owner:** Prairie Co.

**Age (Years):**

**Tower Type:** Free Standing

**Fall Protection:** None

**Climbing Device:** Tower Rungs - Steel Tube or Angle

**# Of Guy Wires:** 0

**# Of Legs:** 3

**Leg Spacing:** 26"

**Grounding System:** Rod at base of tower.

**Other Towers Nearby?**

**Access In Summer:** 2-wheel Drive

**Access In Winter:** 2-wheel Drive

**Criticality:** Extremely Critical

**Meets FCC OET 65?**

**Meets Antenna Loading?**

**Microwave In Use?** No

**Describe:**

**Microwave Capable?** Unknown

**Describe:** Could perhaps support small grid-type reflectors such as paralectors, but not solid, large dishes.

**Radio 1:** Base

**Antenna Type:** PD 220

**Antenna Height:** 56-78'

**Frequencies In Use:** TX 158.850, 155.625 RX 155.625

**User Agency:** Prairie Co. Sheriff Office

**Filter, Duplexer, Etc.:** None

**P25?** No

**Other:**

**Radio 2:** Base

**Antenna Type:** BSA Kit-type Whip

**Antenna Height:** 50'

**Frequencies In Use:** 158.850, 155.625, 153.815, 153.405, 154.085, 154.280, 154.385, 155.790, 155.820, 158.925, 159.030

**User Agency:** Prairie Co. Sheriff

**Filter, Duplexer, Etc.:** None

**P25?** No

**Other:**



**Radio 3:** Base

**Antenna Type:** Ringo-style ground plane antenna

**Antenna Height:** 36-48'

**Frequencies In Use:** 158.850, 155.625, 153.815, 153.405, 154.085, 154.280, 154.385, 155.790, 155.820, 158.925, 159.030

**User Agency:** Prairie Co. Sheriff

**Filter, Duplexer, Etc.:** None

**P25?** No

**Other:**